



UNITED STATES PATENT AND TRADEMARK OFFICE

ART UNIT: 2853	AMENDMENT/RESPONSE CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8 DATE OF DEPOSIT: _____ I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450. _____ Brenda Wiseman
EXAMINER: Huffman, Julian D.	
APPLICANT: Kabalnov, et al.	
SERIAL NO.: 10/629,063	
FILED: 7/28/2003	
CONFRM. NO.: 5846	
FOR: SYSTEMS AND METHODS OF ASSOCIATING PRINTING INFORMATION WITH PRINT MEDIA	

HEWLETT-PACKARD COMPANY
Intellectual Property Administration
P.O. Box 272400
Fort Collins, Colorado 80528-9599

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

We, Alexey S. Kabalnov and Larrie Deardurff, declare as follows: _____

1. We are the named inventors in the above-captioned application and the subject matter described and claimed therein.

2. It is our understanding that various claims in the above-recited patent application have been rejected in view of United States Patent Publication No. 2003/0025321, filed August 1, 2001 and published February 6, 2003, entitled Magnetic

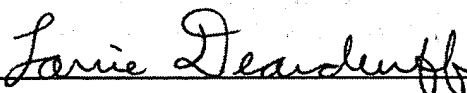
Printing Media for Inkjet and Laserjet.

3. The invention as described and claimed in the present patent application (10/629,063) was conceived and reduced to practice prior to February 6, 2003. We participated in the development of the claimed print medium and system and contributed to the disclosures which were subsequently used in preparation of the present patent application. Exhibit 1 contains a redacted version of the invention disclosure submitted to Hewlett-Packard Company, which describes, in part, the development and use of the invention, and which was prepared and witnessed prior to February 6, 2003.

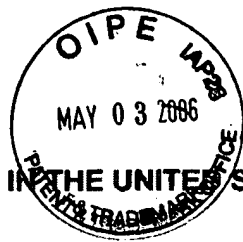
4. We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of the application or any patent issuing thereon.

DATED this 28 day of April, 2006.

Alexey S. Kabalnov, Inventor of the Invention



Larrie Deardurff, Inventor of the Invention



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

ART UNIT:	2853	<p align="center">AMENDMENT/RESPONSE</p> <p align="center">CERTIFICATE OF MAILING UNDER 37 C.F.R. § 1.8</p> <p>DATE OF DEPOSIT: _____</p> <p>I hereby certify that this paper or fee (along with any paper or fee referred to as being attached or enclosed) is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.</p> <p align="center">_____ Brenda Wiseman</p>
EXAMINER:	Huffman, Julian D.	
APPLICANT:	Kabalnov, et al.	
SERIAL NO.:	10/629,063	
FILED:	7/28/2003	
CONFRM. NO.:	5846	
FOR:	SYSTEMS AND METHODS OF ASSOCIATING PRINTING INFORMATION WITH PRINT MEDIA	

HEWLETT-PACKARD COMPANY
 Intellectual Property Administration
 P.O. Box 272400
 Fort Collins, Colorado 80528-9599

Commissioner for Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

We, Alexey S. Kabalnov and Larrie Deardurff, declare as follows:

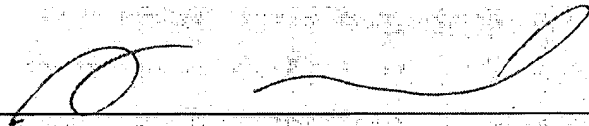
1. We are the named inventors in the above-captioned application and the subject matter described and claimed therein.
2. It is our understanding that various claims in the above-recited patent application have been rejected in view of United States Patent Publication No. 2003/0025321, filed August 1, 2001 and published February 6, 2003, entitled Magnetic

Printing Media for Inkjet and Laserjet.

3. The invention as described and claimed in the present patent application (10/629,063) was conceived and reduced to practice prior to February 6, 2003. We participated in the development of the claimed print medium and system and contributed to the disclosures which were subsequently used in preparation of the present patent application. Exhibit 1 contains a redacted version of the invention disclosure submitted to Hewlett-Packard Company, which describes, in part, the development and use of the invention, and which was prepared and witnessed prior to February 6, 2003.

4. We declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful, false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful, false statement may jeopardize the validity of the application or any patent issuing thereon.

DATED this 28 day of April, 2006.



Alexey S. Kabalnov, Inventor of the Invention

Larrie Deardurff, Inventor of the Invention



invent

Disclosure No. 200309257

Invention Disclosure - DBI Document No. 6BML

PD No.
200309257Date Received
[REDACTED]Collection
IPG

The information contained in this document is **HP CONFIDENTIAL** and may not be disclosed to others without prior authorization. Submit this disclosure to the HP Legal Department as soon as possible. No patent protection is possible until a patent application is authorized, prepared, and submitted to the Government.

**General Information**

Title Magnetic strips on photo media for media automatic recognition and image archiving purposes

Abstract We suggest to put a magnetic strip on the backside of each photo media sheet that carries the media recognition information ----color map (a whole new color map could be included to correct for any media changes that occurred (silent rolls)), ink capacity, default printer mode (best/draft), paper size. When the media is fed through the printer, the magnetic strip is read by an electromagnetic probe, similar to the credit card reader, or magnetic card reader in the old hand-held calculators. The information is then fed back into the printer/computer.

[REDACTED]

Projects [REDACTED]

Products None

**Description of Invention**

Problems Solved There is a need to enable the recognition of the photo media by the printer. The classical way to encode this information is to put a barcode on the media and to read it optically. However, it has a downside of potentially interfering with the image itself; also, the amount of information to be stored this way is limited.

Prior Solutions Previous solutions we are aware of is the deposition of the optical barcode on either side of the media, or accessing the media as based on its light reflection profile or elasticity (degree of undulation in the paper feed).

Description A magnetic strip is placed on the back of the media and is read as the media is fed through the printer. The strip can be also recordable by an electromagnetic device in the printer

Advantages We suggest to put a magnetic strip on the backside of each media sheet that carries the media recognition information ----color map (a whole new color map could be included to correct for any media changes that occurred (silent rolls)), ink capacity, default printer mode (best/draft), paper size. When the media is fed through the printer, the magnetic strip is read by an electromagnetic probe, similar to the credit card reader, or magnetic card reader in the old hand-held calculators. The information is then fed back into the printer/computer.

[REDACTED]

BEST AVAILABLE COPY



Invention History

Published No
Announced No
Disclosed No
Next Three Months No
Described Yes [REDACTED] in Lab notebook [REDACTED]
Built No
Government Contract No
Related Disclosure No
Innovation Workshop No



Inventor Information

Inventors	Alexey Kabalnov 00502285	Hewlett-Packard Company Americas (6410-5389) 2900 Highland Drive Corvallis, OR 97330 United States [US]	Corvallis +1 (541) 715-7860 alexey_kabalnov@hp.com United States [US]
	Larrie Deardurff 00304729	Hewlett-Packard Company Americas (6410-5365) 1009 NE Kirsten PL Corvallis, OR 97330 United States [US]	Corvallis +1 (541) 715-8785 larrie_deardurff@hp.com United States [US]



Witnesses

Witnesses	Jayprakash Bhatt	Hewlett-Packard Company Americas (6410-5365) jayprakash_bhatt@hp.com	Corvallis +1 (541) 715-0212
	Gary Ungefug	Hewlett-Packard Company Americas (6410-5365) gary_ungefug@hp.com	Corvallis +1 (541) 715-7692



Classification

Recommended Classification IPG: Inks, Toners and Media

BEST AVAILABLE COPY

Legal Techword media --

Keywords media sensor, archiving, image storage, media recognition and printer settings



Administrative Record

Date Submitted January 2, 2003 2:45PM

Legal Clerk Trisha Melcher

Hewlett-Packard Company

Corvallis

Worldwide (0000-1623)

trisha.melcher@hp.com

+1 (541) 715-6348

PD Number 200309257

Date Received by
Legal

